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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/688,630	10/17/2003	Daniel Worledge	YOR920030276US1 (8728-633	1945	
46069	7590 07/22/2005		EXAM	INER	
F. CHAU & ASSOCIATES, LLC 130 WOODBURY ROAD			RAEVIS, ROBERT R		
	Y, NY 11797		ART UNIT	PAPER NUMBER	
			2856		
			DATE MAILED: 07/22/2005		

Please find below and/or attached an Office communication concerning this application or proceeding.

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Exhancians of time may be available under the provides and 37 CFR 1.73(b). In no event, however, may a reply be limely filed between the control of the provided and				
Examiner Robert R. Raevis 2856 - The MAILING DATE of this communication appears on the cover sheet with the correspondence address - Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. - Extension of time may be available under the promision of 37 CPR 1.136(a). In no event, however, may a reply be timely filled. - If the period for reply specified above, the meantmen statutory period vill apply and will expense 3 (b) MONTHS from the mailing date of this communication. - If the period for reply specified above, the meantmen statutory period vill apply and will expres 3X (6) MONTHS from the mailing date of this communication. - If the period for reply specified above, the meantmen statutory period vill apply and will expres 3X (6) MONTHS from the mailing date of this communication. - If the period carried by the Office the than these months after the mailing date of this communication, even if timely filed, may reduce any search patient term adjustment. See 37 CPR 1.704(b). - Status 1) Responsive to communication(s) filled on		Application N	o. Applicant	(s)
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The MALLING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ② MONTH(S) FROM THE MALLING DATE OF THIS COMMUNICATION. Estembard of time may be available under the provisions of 3 CFR 1.13(d). In no event, however, may a raply be limited filled after SX. (6) MCMTHS from the mailing date of this communication. of 3 CFR 1.13(d). In no event, however, may a raply be limited filled after SX. (6) MCMTHS from the mailing date of this communication. If the provision is provided from the provision of the pro	Oπice Action Summary	Examiner	Art Unit	
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THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CPR 1.35(e). In no event, however, may a reply be limitly filed after SX (6) MONTHS from the mailing date of this communication. If the period is exply sendine how to less than thing (50) dary, a size stationy minimum of history (20) days will be considered imply. If the period is exply sendine how the size of the control of the communication. Failuse to reply within the set or extended period for reply will, by shahite, causes the application to become ABANCONED (35 U.S. C. § 1.33). And reply received by the Office patter than there eminish after the mailing date of this communication, even at timely filled, may reduce any seamed patent form adjustment. See 37 CPR 1.704(b). Status 1) Responsive to communication(s) filed on	The MAILING DATE of this come Period for Reply	munication appears on the cov	er sheet with the corresponde	ence address
1) Responsive to communication(s) filed on 2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-17 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) 1-8 is/are allowed. 6) Claim(s) 9-17 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) is/are objected to. 8) Claim(s) is/are objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a), Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received.	THE MAILING DATE OF THIS COMM - Extensions of time may be available under the provi after SIX (6) MONTHS from the mailing date of this - If the period for reply specified above is less than thi - If NO period for reply is specified above, the maximum - Failure to reply within the set or extended period for Any reply received by the Office later than three more	IUNICATION. sions of 37 CFR 1.136(a). In no event, he communication. irty (30) days, a reply within the statutory rum statutory period will apply and will expirely will, by statute, cause the application on this after the mailing date of this communication.	wever, may a reply be timely filed ninimum of thirty (30) days will be consider SIX (6) MONTHS from the mailing date to become ABANDONED (35 U.S.C. §	of this communication. 133).
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Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) Interview Summary (PTO-413) Paper No(s)/Mail Date Notice of Informal Patent Application (PTO-152)	Attachment(s)			
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Paper No(s)/Mail Date 6) L. L. Other	3) Information Disclosure Statement(s) (PTO-144 Paper No(s)/Mail Date		Notice of Informal Patent Applical Other:	uon (P1O-152)

DETAILED ACTION

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference character(s) mentioned in the description: line 42 (of p. 9, line 7) and line 52 (on p. 9, line 8). Corrected drawing sheets are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claims 9-17 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

As to claim 9, "the sample" and "the probe" both lack antecedent basis.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Cleveland et al teach (col. 11, lines 1-24) use of a magnetic field (from magnet 16) to cause a probe tip 10 to contact the surface of a sample to provide for nonolithography or elasticity measurements. However, the reference does not suggest applying a voltage between the sample and the probe.

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Prinz et al teach (col. 7, line 23-28) providing a voltage between a probe tip 60 and layer 24 under test via an atomic force microscope, but does not apply the claimed magnetic field to provide for stable contact.

Sakai et al teach use of a voltage probe with an atomic force microscope, but does not apply the claimed magnetic field to provide for stable contact.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert R. Raevis whose telephone number is 571-272-2204. The examiner can normally be reached on Monday to Friday from 6:30am to 3:30pm. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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